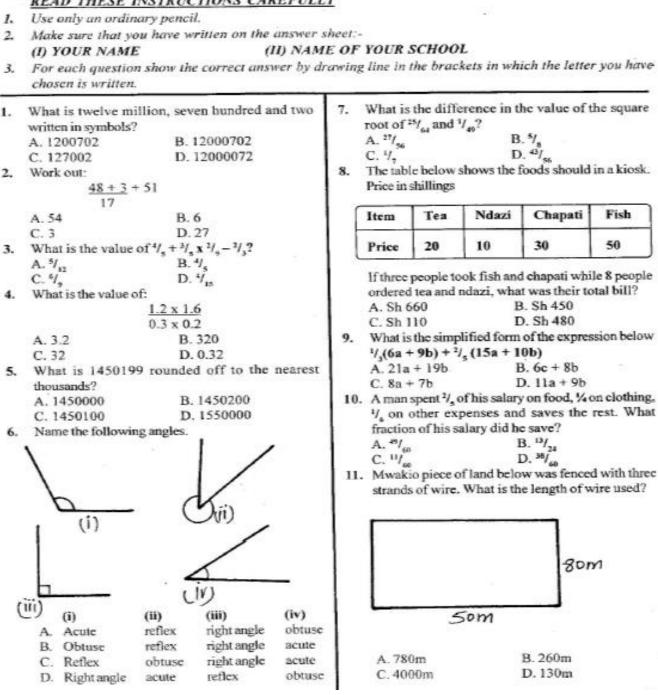
STANDARD SEVEN END TERM 1 EXAM 2018

MATHEMATICS

READ THESE INSTRUCTIONS CAREFULLY



time: Theirs

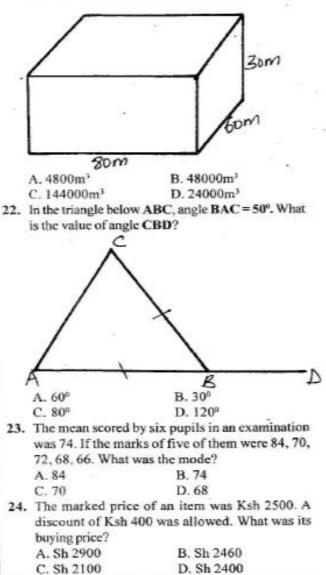
 The cost price of a pen is Sh p and book Sh p-6. What is the cost of two pens and one book? A. Sh (9p) B. Sh (3p-6) C. Sh (2p-6) D. Sh (8p-6) 13. What is the next number in the pattern? 2, 3, 5, 7, 11, 13, B. 19 A.15 C. 16 D. 17 14. What is the value of: 22 z - xgiven x = 2, y = 3, z = 4A. 16 B. 17 C. 20 D. 16% 15. What is the sum of the compliment of 60° and supplement of 70º? A. 130° B. 30^a C. 110° D. 140° 16. Nyariki bought the following farm tools: 3 jembes @ Sh 250 5 pangas @ Sh 150 2 spades @ Sh 165 I wheelbarrow for Sh 2500 and a hammer for Sh 320 What balance did he get from Sh 5000? A. Sh 9650 B. Sh 750 D. Sh 4650 C. Sh 350 17. How many days were there between January 25th and March 12th in the year 2012? B. 47 days A. 46 days C. 49 days D. 48 days 18. Pupils in a certain school contributed some money to help a needy pupil. 2 - two hundred shillings, 50 - ten shilling coins and 10 - twenty shilling coins. What was the total money contributed? A. Sh 700 B. Sh 1100 C. Sh 500 D. Sh 1200 19. Kamau bought goods worth Sh 800 and later sold

- Kamau bought goods worth Sh 800 and later sold them at Sh 1000. What was his percentage profit? A. 10% B. 30% C. 40% D. 25%
- The table below shows a train travel schedule over several stations MNOP.

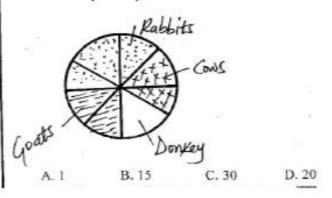
Town	Arrival time	Departure time
М	7.50 am	8.00 am
N.	10.00 am	10.45 am
0	12.05pm	1.10 am
Р	2.10 pm	2.20 pm

In which station did the train take the longest time? A. O B. M C. P D. N

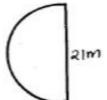
 Calculate the amount of water in the following cuboid.



25. The pie chart below shows the total number of animals in a farm. There are 120 animals together. How many donkeys are there in the farm?



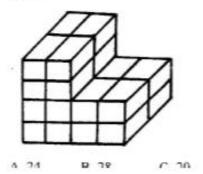
26. Calculate the circumference of the following figure. (Take II = 22/.)



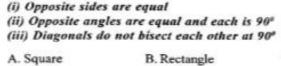
A 33m B. 54m C. 42m D. 21m 27. What is the value of p in the following inequality? 2p + 5 > p + 11A. 4 B. 5 C. 7 D. 6 28. What is the value of x in: $9 + \frac{1}{x} = 20$

- What is the sum of the 3 and 8 in the number 3678091? A. 3800000 B. 2992000
 - C. 3080000 D. 3008000
- 30. Ann, Cherono and Auma shared 25 oranges. Ann got as equal number of oranges as Auma. Cherono got five oranges. How many oranges did Ann get? A.20 B. 10 C. 15 D. 12%
- 31. Kamau and Matoo shared Sh 1500 in the ration of 1:2. How much money was received by Matoo? A. Sh 1200 B. Sh 1000 C. Sh 700 D. Sh 500
- 32. Which of the following sets of measurements will form a right angled triangle when constructed? A. 5cm by 6cm by 7cm

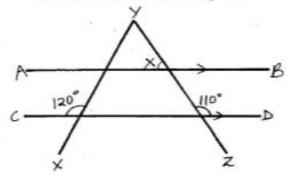
 - B. 7cm by 8cm by 10cm
 - C. 4cm by 6cm by 10cm
 - D. 3cm by 4cm by 5cm
- 33. How many blocks are used to make the stack below?



34. Which quadrilateral has the following properties?



- C. Rhombus D. Parallelogram
- 35. A square piece of land is represented by a square sides 10cm. The scale used is 1cm represent 10m. What is the actual ares of the plot? A. 10000cm² B. 100cm²
 - C. 10000m² D. 100m²
- 36. Line AB is parallel to CD and line XY and ZY are transversal. What is the size of angle X?



A. 60°	B. 50°
C. 70°	D. 80°

37. In a certain county, the population of pigs was 41907. The number of female pigs increased by 540 after an year. In the second and third year the increase was thrice that of first year. What was the new population now?

38. The inland postage charges below were used by Rotich to send three letters weighing 40g, 150g and 700g. What was his total charges?

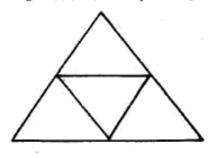
Mass of letters	charges
Not over 50g	Sh 90
Not over 200g	Sh 140
Not over 500g	Sh 250 Sh 300
Not over 1kg	
A. Sh 780	B. Sh 530
C. Sh 230	D. Sh 480

39. One shirt cost Sh 350 and one blouse cost Sh 700. What is the cost of 3 shirts and two blouses? A. Sh 1750 B. Sh 10500

C. Sh 2450 D 20

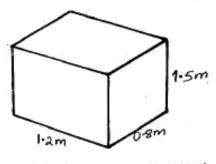
D. Sh 1400

The figure below is made up of triangles.



How many triangles are there? A. 5 B. 4 C. 8 D. 6

- A shopkeeper bought 30 eggs for Sh 150. Five of the eggs broke. He sold the remainder at Sh 5.50 each. What was his loss?
 A. Sh 137.50
 B. Sh 12.50
 C. Sh 136.26
 D. Sh 13.75
- 42. What is the volume of the solid below?

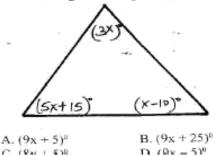




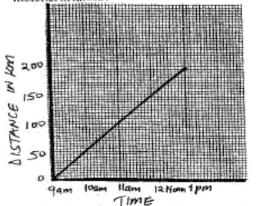
43. Mr. Hinga's plot is inform of square with an area of 49000m². What was the size of Hinga's land in hectares? A 490 ha B. 49 ha

1.21 4.2 0 1144	and a second second	
C. 0.49 ha	D. 4.9 ha	

44. Which one is the simplified algebraic expression for the sum of angles in triangle below?



45. The graph below shows a motorist journey from town A to town B. What was the speed of the motorist in km/hr?



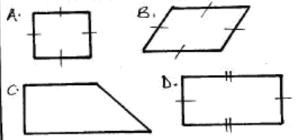
- A. 40km/hr B. 50km/hr C. 30km/hr D. 60km/hr
 46. Kirumba was sent to the post office with three parcels weighing 432g, 218g and 944g. What was the total mass in kg of the parcels posted?
- A. 1594kg B. 1.594kg C. 15.94kg D. 159.4kg
 47. Muli bought 50 bananas for Sh 600. What will be the cost of 200 bananas if cost price of the bananas was the same?

A. Sh 5000 B. Sh 4800 C. Sh 3000 D. Sh 2400

48. Mr. Kioko deposited Ksh 10000 in a bank that offered simple interest of Sh 500 per month. He later withdrew the total money after ten months. How much did he withdraw?

A. Sh 5000	B. Sh 10500
C. Sh 15000	D. Sh 1500

- 49. Mwenda cycled for 2hrs 20 min. He had a stop over for 15 min then continued with his journey for 1 hr 10 min. He arrived at 2.00pm. At what time had he started his journey?
 - A. 10.15 am B. 10.05 am
 - C. 10.00 am D. 9.50 am
- 50. The following are types of quadrilaterals. Which is the correct order of their names?



A. Rectangle, trapezium, rhombus, square

- B. Square, rhombus, trapezium, rectangle
- C. Rhombus, square, rectangle, trapezium
- D Tranezium, rhombus, rectangle, square